Storm Data and Unusual Weather Phenomena - March 2007

Deaths &

Property &

Event Type and Details

Date/Time

		Injuries	Crop Dmg	
LLINOIS, Southwest				
	-			
ADAMS COUNTY QUINCY [39.93, -91.40] 03/01/07 02:25 CST		0	Thunderstorm Wind (EG 60 kt)
	03/01/07 02:25 CST		0	Source: Newspaper
Thunderstorm winds blew down several busi	iness signs and broke several win	dows in Quincy, in	cluding some at Qu	nincy Mall.
ADAMS COUNTY PLAINVILLE [39.78, -9	1.18]			
	03/01/07 02:35 CST		0	Thunderstorm Wind (EG 60 kt)
	03/01/07 02:35 CST		0	Source: Newspaper
Thunderstorm winds blew the roof off of a ba	arn near Plainville.			
ADAMS COUNTY 1.0 W CAMP PT [40.03		91.02]		
	03/01/07 02:45 CST		0	Thunderstorm Wind (EG 61 kt)
	03/01/07 02:55 CST		0	Source: Trained Spotter
several homes and outbuildings in the area s	sustained minor roof damage.			
several homes and outbuildings in the area s	03/01/07 02:45 CST		0	Thunderstorm Wind (EG 61 kt)
several homes and outbuildings in the area s	03/01/07 02:45 CST 03/01/07 02:45 CST	as blown over and	0	Source: Newspaper
PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage.	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a
PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage.	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa 8.59, -89.69] 03/01/07 09:20 CST	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a Hail (0.88 in)
PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage.	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a
PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage. CLINTON COUNTY 1.0 SW TRENTON [3	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa 8.59, -89.69] 03/01/07 09:20 CST 03/01/07 09:20 CST	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a Hail (0.88 in)
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PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage. CLINTON COUNTY 1.0 SW TRENTON [3:05] ST. CLAIR COUNTY SAUGET [38.57, -90]	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa 8.59, -89.69] 03/01/07 09:20 CST 03/01/07 09:20 CST	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a Hail (0.88 in) Source: Trained Spotter Hail (0.75 in)
PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage. CLINTON COUNTY 1.0 SW TRENTON [3:05] ST. CLAIR COUNTY SAUGET [38.57, -90]	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa 8.59, -89.69] 03/01/07 09:20 CST 03/01/07 09:20 CST	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a Hail (0.88 in) Source: Trained Spotter Hail (0.75 in)
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PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage. CLINTON COUNTY 1.0 SW TRENTON [3 ST. CLAIR COUNTY SAUGET [38.57, -90 BOND COUNTY SMITHBORO [38.90, -89	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa 8.59, -89.69] 03/01/07 09:20 CST 03/01/07 09:20 CST 03/01/07 09:30 CST 03/01/07 09:30 CST	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a Hail (0.88 in) Source: Trained Spotter Hail (0.75 in) Source: Amateur Radio Hail (1.50 in)
PIKE COUNTY BARRY [39.68, -91.05] Thunderstorm winds caused minor damage mobile home causing minor roof damage. CLINTON COUNTY 1.0 SW TRENTON [3 ST. CLAIR COUNTY SAUGET [38.57, -90 BOND COUNTY SMITHBORO [38.90, -89	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed wa 8.59, -89.69] 03/01/07 09:20 CST 03/01/07 09:20 CST 03/01/07 09:30 CST 03/01/07 09:30 CST	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a Hail (0.88 in) Source: Trained Spotter Hail (0.75 in) Source: Amateur Radio Hail (1.50 in)
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Numerous power poles were blown down alo several homes and outbuildings in the area several homes are several part of the area several homes and outbuildings in the area several homes are several homes and outbuildings in the area several homes are several homes and outbuildings in the area several homes are several homes and outbuildings in the area several homes are several homes and outbuildings in the area several homes are several homes. MACOUNTY CARLINVILLE [39. MONTGOMERY COUNTY LITCHFIELD [3]	03/01/07 02:45 CST 03/01/07 02:45 CST in Barry. A metal storage shed was 8.59, -89.69] 03/01/07 09:20 CST 03/01/07 09:20 CST 03/01/07 09:30 CST 03/01/07 09:30 CST 03/01/07 09:45 CST 28, -89.88] 03/01/07 11:31 CST 03/01/07 11:31 CST	as blown over and	0 a large tree was blo	Source: Newspaper own down. The tree landed on a Hail (0.88 in) Source: Trained Spotter Hail (0.75 in) Source: Amateur Radio Hail (1.50 in) Source: Trained Spotter

The storms began to develop during the evening hours of February 28th and persisted into the late morning hours of March 1st.

MISSOURI, East

Location

MONROE COUNTY --- 2.5 W MADISON [39.47, -92.27]

Page 1 of 3 Printed on: 09/11/2009

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/01/07 01:30 CST		0	Thunderstorm Wind (EG 61 kt)
	03/01/07 01:30 CST		0	Source: NWS Storm Survey
microburst caused moderate damage to inor roof and siding damage.	o a machine shed along U.S. Hwy 24	two and a half mile	es west of Madison	. The nearby farm home sustained
IONROE COUNTY 3.7 N MADISON [39.52, -92.22], 4.1 SSE WOODLAWN	[39.53, -92.19]		
	03/01/07 01:30 CST		0	Tornado (EF0, L: 2.07 mi , W: 50 yd)
	03/01/07 01:35 CST		0	Source: NWS Storm Survey
A tornado first touched down along Highwome 300 yards to the south and southest ornado then lifted and touched down agalown several large tree limbs. The tornativere blown down at this location before the	ast. Some pieces of the debris damage ain at the intersection of Highway 151 do made a third and final touch down	ed the roof of a far and County Road	m home and anoth 136 causing slight	er machine shed on Highway K. The roof damage to a home and blowing
IONROE COUNTY 3.9 SE WOODLAN	WN [39.54, -92.17]			
	03/01/07 01:36 CST		0	Thunderstorm Wind (EG 52 kt)
	03/01/07 01:36 CST		0	Source: NWS Storm Survey
hunderstorm winds blew down several la	arge tree limbs and a few trees.			
IONROE COUNTY 3.5 NE WOODLAN	WN [39.61, -92.17]			
	03/01/07 01:40 CST		0	Thunderstorm Wind (EG 61 kt)
	03/01/07 01:40 CST		0	Source: NWS Storm Survey
oin and a fuel tank were ripped loose from as much as 50 yards to the northeast.	n their moorings and pushed north-no	ortheastward 40 to	-	-
Thunderstorm winds damaged a grain bir bin and a fuel tank were ripped loose from as much as 50 yards to the northeast. MONROE COUNTY 4.0 ENE WOODLA	n their moorings and pushed north-no	ortheastward 40 to	-	-
oin and a fuel tank were ripped loose from as much as 50 yards to the northeast. MONROE COUNTY 4.0 ENE WOODLA A second tornado touched down in Monro thed. The debris area stretched approximornado moved to the northeast, it briefly	AWN [39.60, -92.15], 4.3 N GRANVILL 03/01/07 01:40 CST 03/01/07 01:45 CST Dee County about 1.5 miles west of the mately half a mile to the northeast from touched down a second time on Cour	LE [39.63, -92.10] intersection of Communication in the original locates	0 0 unty Roads 182 an	Tornado (EF1, L: 3.36 mi , W: 60 yd) Source: NWS Storm Survey d 169 completely destroying a machine re killed by the flying debris. As the
in and a fuel tank were ripped loose from a much as 50 yards to the northeast. IONROE COUNTY 4.0 ENE WOODLA second tornado touched down in Monroe hed. The debris area stretched approximation moved to the northeast, it briefly brown over 100 yards. The tornado then	AWN [39.60, -92.15], 4.3 N GRANVILL 03/01/07 01:40 CST 03/01/07 01:45 CST Dee County about 1.5 miles west of the mately half a mile to the northeast from touched down a second time on Courn lifted and dissipated.	LE [39.63, -92.10] intersection of Company Road 211 damage	0 0 unty Roads 182 an	Tornado (EF1, L: 3.36 mi , W: 60 yd) Source: NWS Storm Survey d 169 completely destroying a machine re killed by the flying debris. As the
in and a fuel tank were ripped loose from a much as 50 yards to the northeast. IONROE COUNTY 4.0 ENE WOODLA second tornado touched down in Monroe. The debris area stretched approximation moved to the northeast, it briefly brown over 100 yards. The tornado then	AWN [39.60, -92.15], 4.3 N GRANVILL 03/01/07 01:40 CST 03/01/07 01:45 CST Dee County about 1.5 miles west of the mately half a mile to the northeast from touched down a second time on Courn lifted and dissipated.	LE [39.63, -92.10] intersection of Company Road 211 damage	0 0 unty Roads 182 an	Tornado (EF1, L: 3.36 mi , W: 60 yd) Source: NWS Storm Survey d 169 completely destroying a machine re killed by the flying debris. As the
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Page 2 of 3 Printed on: 09/11/2009

Storm Data and Unusual Weather Phenomena - March 2007

As the tornado moved into Shelby County from Monroe County, it destroyed a pole be debris field stretched 150 yards to the northeast. The tornado then lifted and dissipated and dispersion dispersion dispersion dispersion dispersion dispersion dispersion dispers	I Lane. As th	0 0 0	Hail (0.88 in) Source: Public Thunderstorm Wind (EG 61 kt) Source: Law Enforcement
03/01/07 02:15 CST 03/01/07 02:15 CST RALLS COUNTY 0.4 SW HATCH [39.58, -91.64], 2.7 E HATCH [39.57, -91.58] 03/01/07 02:15 CST 03/01/07 02:17 CST Thunderstorm winds caused minor damage to several buildings and trees on Linwood on Cincinnati road. CALLAWAY COUNTY 2.0 SW HOLTS SUMMIT [38.63, -92.15] 03/01/07 04:35 CST 03/01/07 04:35 CST CALLAWAY COUNTY 2.0 SW FULTON [38.83, -91.96], 4.0 S WILLIAMSBURG [38 03/01/07 04:51 CST 03/01/07 04:55 CST Quarter to golfball sized hail fell in a swath from just southwest of Fulton to 4 miles so CALLAWAY COUNTY MOKANE [38.68, -91.87] 03/01/07 04:55 CST FRANKLIN COUNTY UNION [38.45, -91.00] 03/01/07 07:46 CST	91.70]	0 0 0 e storm moved to	Source: Public Thunderstorm Wind (EG 61 kt) Source: Law Enforcement the east it caused minor tree damage Hail (1.00 in) Source: Trained Spotter Hail (1.75 in)
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03/01/07 04:55 CST 03/01/07 04:55 CST FRANKLIN COUNTY UNION [38.45, -91.00] 03/01/07 07:46 CST		nsburg. Some roo	fs and vehicles sustained hail damage.
03/01/07 04:55 CST FRANKLIN COUNTY UNION [38.45, -91.00] 03/01/07 07:46 CST		0	Hail (1.00 in)
FRANKLIN COUNTY UNION [38.45, -91.00] 03/01/07 07:46 CST		0	Source: Trained Spotter
03/01/07 07:46 CST		U	Source. Trained Spotter
03/01/07 07:46 CST		0	Hail (0.75 in)
		0	Source: Law Enforcement
REYNOLDS COUNTY 3.0 N ELLINGTON [37.29, -90.98]			
03/01/07 08:00 CST		0	Hail (0.75 in)
03/01/07 08:00 CST		0	Source: Law Enforcement
FRANKLIN COUNTY 3.0 NW GRAY SUMMIT [38.51, -90.86]			
03/01/07 08:05 CST		0	Hail (1.00 in)
03/01/07 08:05 CST		0	Source: Trained Spotter
CT CHARLES COUNTY HARVESTER 120 75 00 501			
ST. CHARLES COUNTY HARVESTER [38.75, -90.58] 03/01/07 08:20 CST		0	Hail (1.00 in)
03/01/07 08:25 CST		0	Source: Trained Spotter
ST LOUIS COUNTY 2.5 ENE ST LOUIS SDIDIT OF S 120 60 00 641			
ST. LOUIS COUNTY 2.5 ENE ST LOUIS SPIRIT OF S [38.68, -90.61] 03/01/07 08:25 CST		0	Hail (1.75 in)
03/01/07 08:25 CST		0	Source: Public
Reported in Chesterfield Valley just east of the Boone Bridge.			
ST. CHARLES COUNTY ORCHARD FARM [38.88, -90.45]			
03/01/07 08:40 CST		0	Hail (0.75 in)
03/01/07 08:40 CST		0	Source: Trained Spotter

A warm front extended from a strong surface low west of Columbia, Missouri to just south of St. Louis and across Southern Illinois. Unseasonably warm, moist, and unstable air was moving north towards central Missouri while cooler moist air was present north of the warm front. This helped to trigger severe thunderstorms along and north of the warm front, including a severe bow echo system. The storms began to develop during the evening hours of February 28th and persisted into the late morning hours of March 1st.

Page 3 of 3 Printed on: 09/11/2009